6,038,336 - 28/2/2000

100

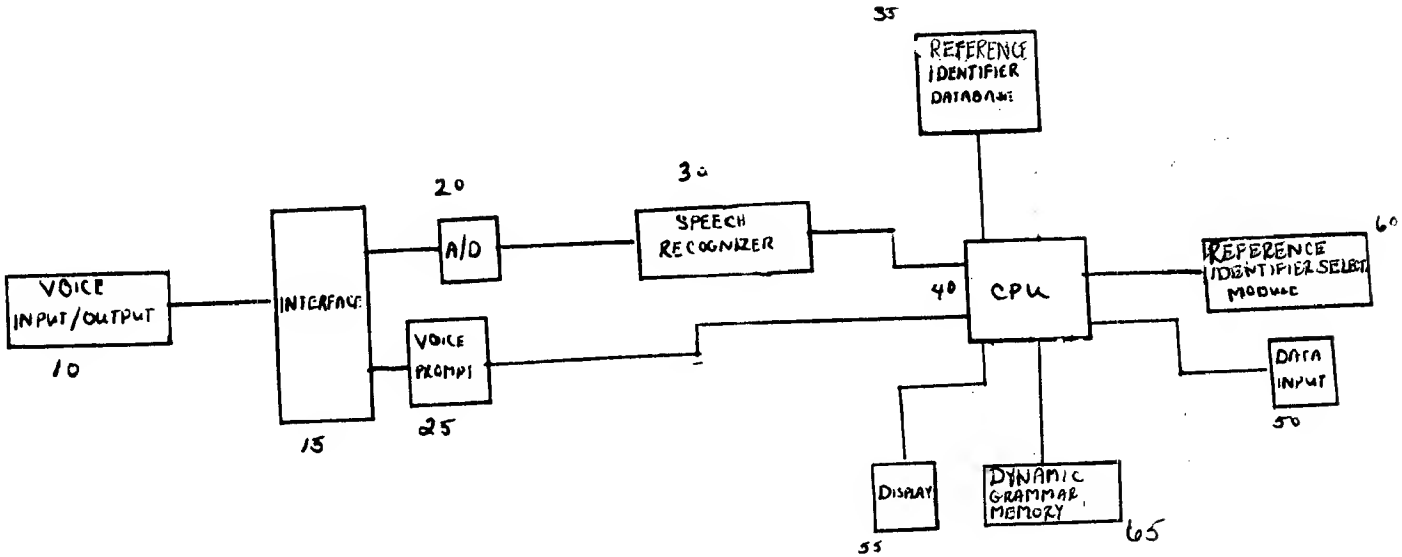

Fig. 1

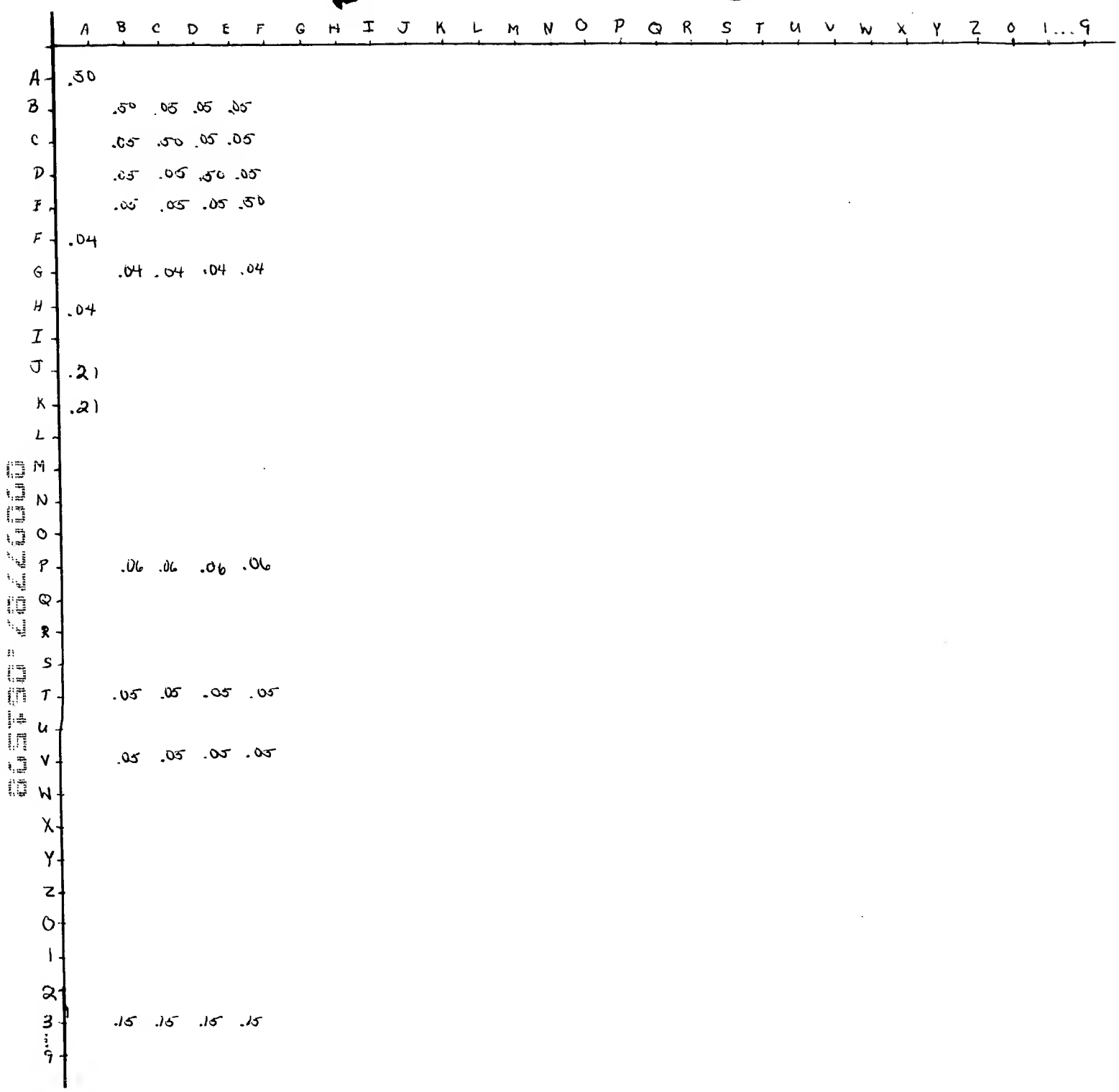
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z 0 1 ... 9
A .50
B .50 .05 .05 .05
C .05 .50 .05 .05
D .05 .05 .50 .05
E .05 .05 .05 .50
F .04
G .04 .04 .04 .04
H .04
I
J .21
K .21
L
M
N
O
P .06 .06 .06 .06
Q
R
S
T .05 .05 .05 .05
U
V .05 .05 .05 .05
W
X
Y
Z
0
1
2
3 .15 .15 .15 .15
9

Fig. 2

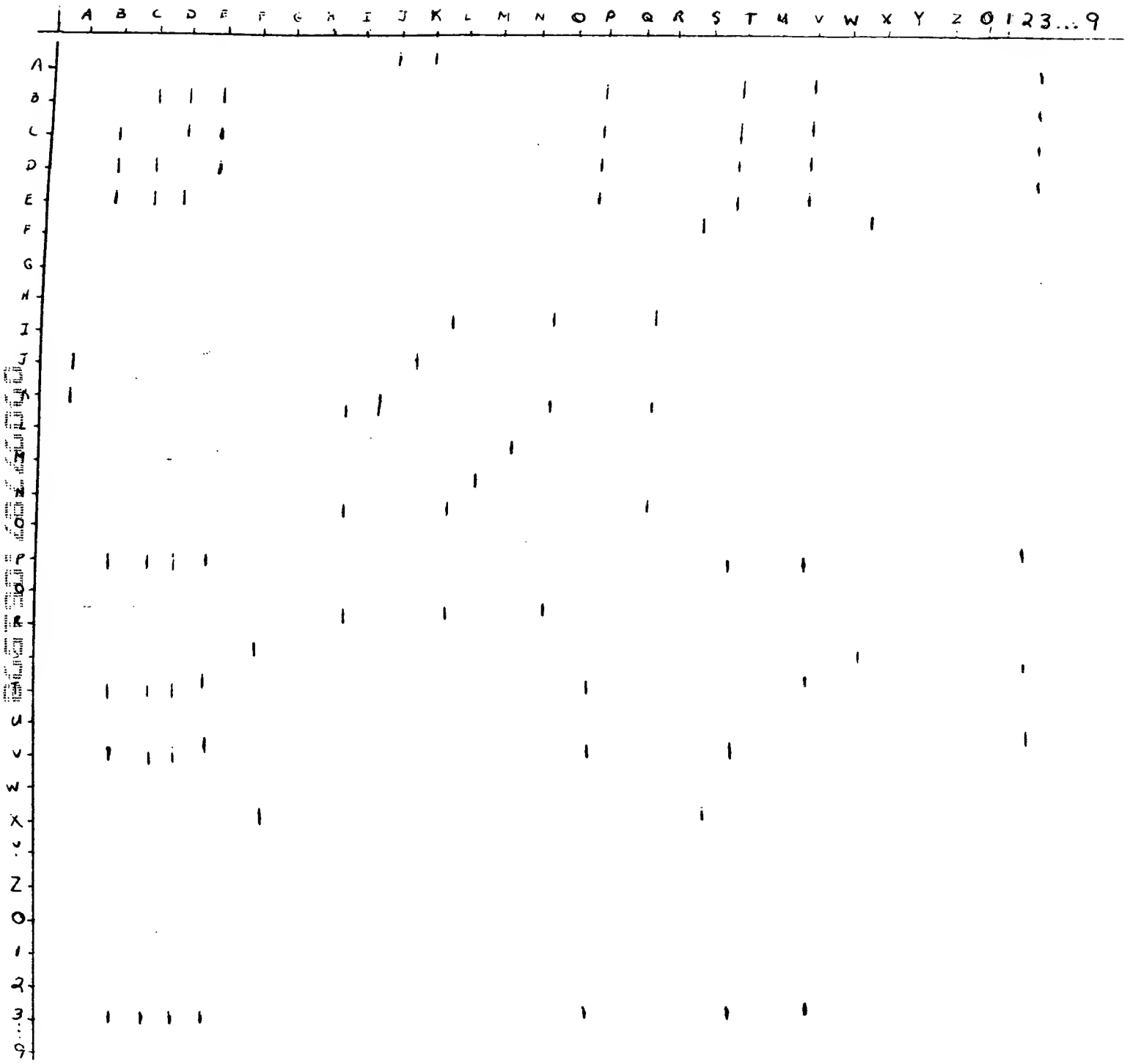
A B C D E F G H I J K L M N O P Q R S T U V W X Y Z 0 1 2 3 ... 9
SECOND LETTER OR NUMBER

Fig. 3

CONFUSION SET 1 : A J K

CONFUSION SET 2 : E B C D P T V

CONFUSION SET 3 : S F X

CONFUSION SET 4 : I R O L

CONFUSION SET 5 : M N

CONFUSION SET 6 : W

CONFUSION SET 7 : H

Fig. 4

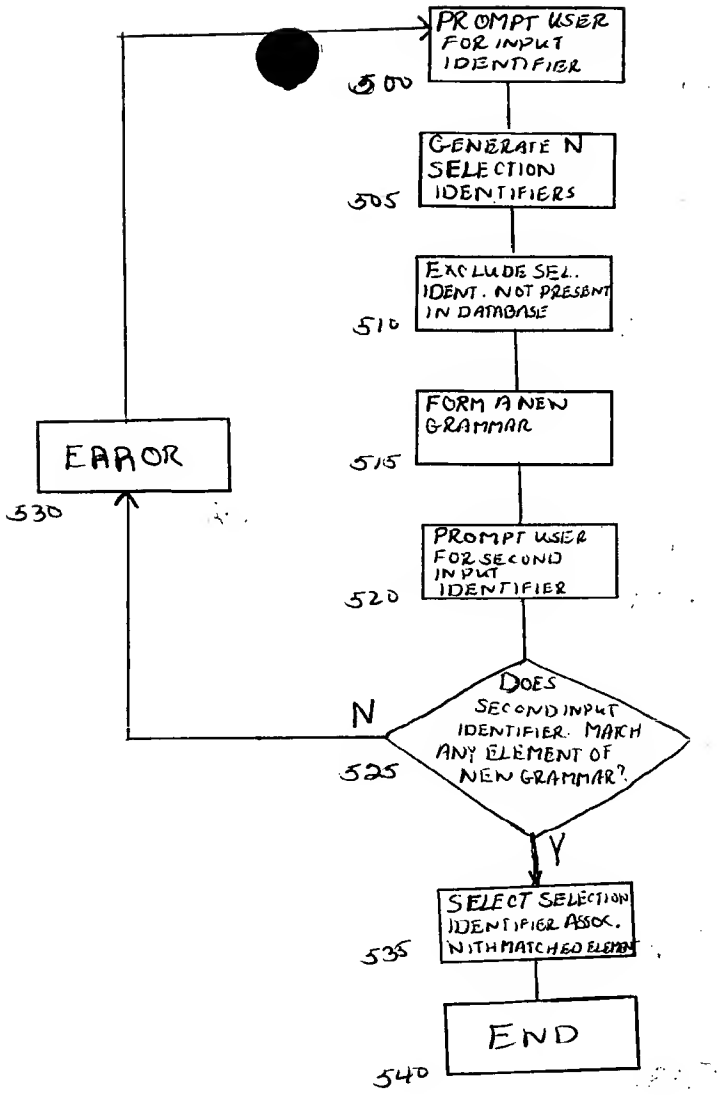
PROMPT USER FOR INPUT IDENTIFIER
500
GENERATE N SELECTION IDENTIFIERS
505
EXCLUDE SEL. IDENT. NOT PRESENT IN DATABASE
510
FORM A NEW GRAMMAR
515
PROMPT USER FOR SECOND INPUT IDENTIFIER
520
DOES SECOND INPUT IDENTIFIER MATCH ANY ELEMENT OF NEW GRAMMAR?
525
N
Y
ERROR
530
SELECT SELECTION IDENTIFIER ASSOC. WITH MATCHED ELEMENT
535
END
540

Fig. 5

Account Number	CORRELATION DATE ELEMENT #1	CORRELATION DATA ELEMENT #2	CORRELATION DATA ELEMENT #3
bs437w	Brown	NJ	07031
ds437w	Bashak	NY	10311
es437w	Rasinski	NY	10311
gs4g7w	Howitt	CT	12032
gs4t7w	Meyers	NJ	07064
gx437w	Hoffman	NY	10112
ps4t7w	Zweig	PA	11011
zx437w	Goldberg	NJ	07042
zx4p7w	Flanagan	CA	90102

Fig. 6

SUBSTITUTE SHEET

200

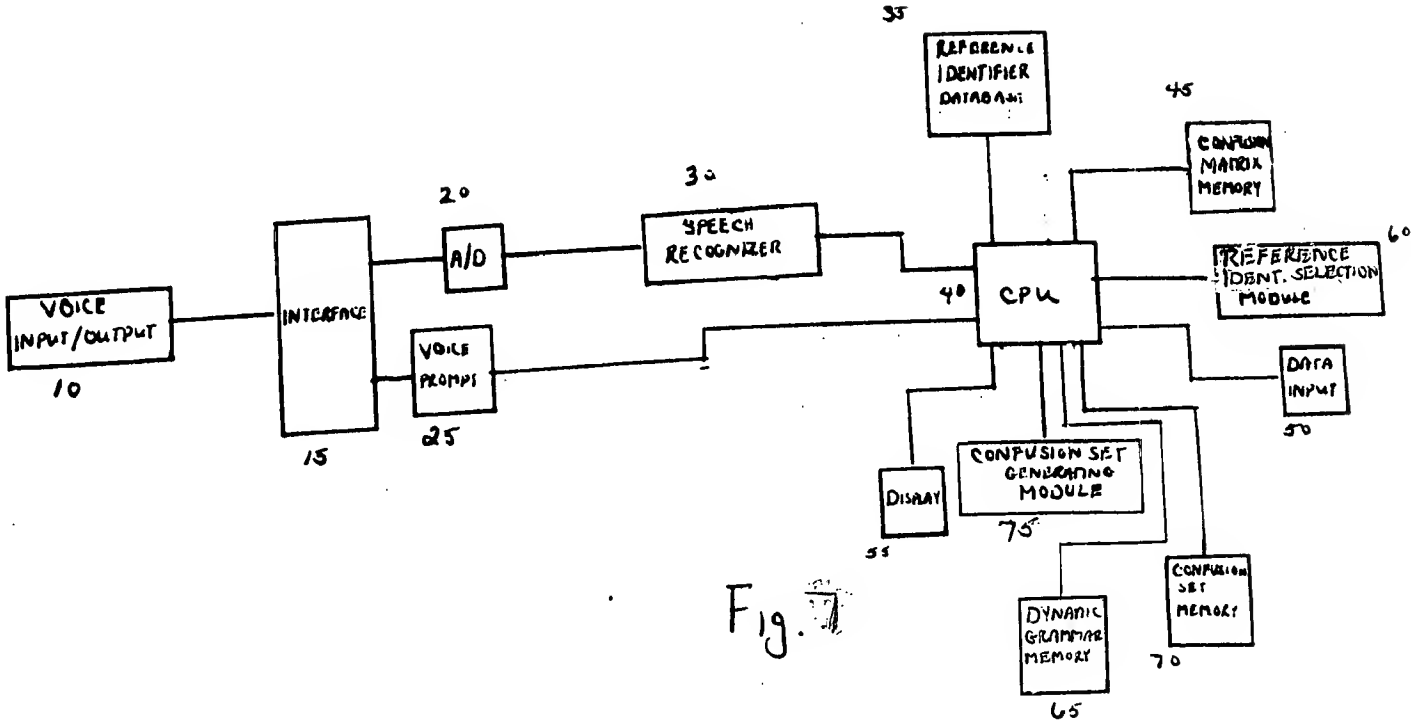

Fig. 1